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Renkforce RF-SB-301

Renkforce RF-SB-301 Dolby Atmos Soundbar User Manual

Model: RF-SB-301

1. INTRODUCTION

Thank you for choosing the Renkforce RF-SB-301 Dolby Atmos Soundbar. This 2.1 channel sound system, complete with a wireless subwoofer, is designed to deliver an immersive audio experience for both music and movies. Featuring Dolby Atmos technology, 4K HDR Passthrough, and a total output of 120 watts, it brings cinema-like sound directly to your living room without the need for additional wired speakers. This manual provides essential information for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.



Image 1.1: Renkforce RF-SB-301 Soundbar and Wireless Subwoofer. This image displays the main soundbar unit positioned horizontally in the foreground, with the compact, rectangular wireless subwoofer standing vertically in the background to the right. Both components are black.

2. IMPORTANT SAFETY INSTRUCTIONS

Please read these safety instructions carefully before using the device and keep them for future reference. Incorrect use may result in electric shock, fire, or other hazards.

- **Power Source:** Only use the power adapter supplied with the device. Ensure the voltage matches your local power supply.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Water and Moisture:** Do not expose this appliance to rain or moisture. Do not place objects filled with liquids, such as vases, on the apparatus.
- **Heat Sources:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Clean only with a dry cloth. Unplug the device from the power outlet before cleaning.

- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Children:** Keep out of reach of children. This device is not a toy.

3. PACKAGE CONTENTS

Please check that all items listed below are included in your package. If any items are missing or damaged, contact your retailer.

- Renkforce RF-SB-301 Soundbar
- Wireless Subwoofer
- Remote Control
- Power Adapter for Soundbar
- Power Cable for Subwoofer
- HDMI Cable
- Optical Cable
- Wall Mounting Brackets
- Screws and Wall Plugs for Mounting
- User Manual

4. PRODUCT OVERVIEW

The Renkforce RF-SB-301 system consists of a main soundbar unit and a separate wireless subwoofer. The soundbar features an LED display with adjustable brightness and side control elements for easy operation.



Image 4.1: Front view of Renkforce RF-SB-301 Soundbar. This image shows the soundbar from a direct front perspective, highlighting its sleek, black grille and the central 'Atmos' display.

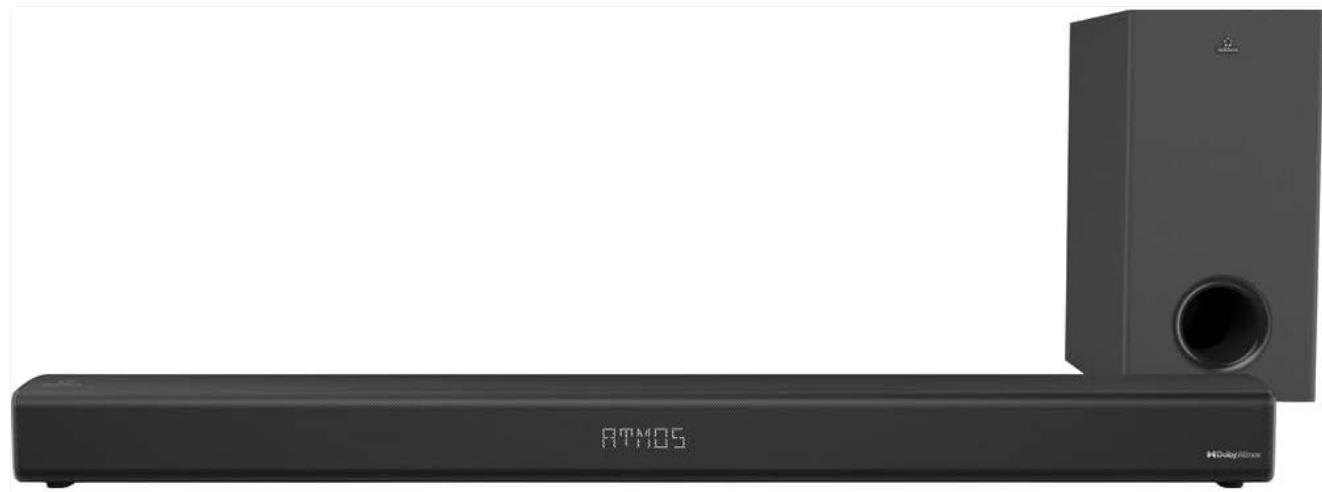


Image 4.2: Angled view of Renkforce RF-SB-301 Soundbar. This image presents the soundbar from a slight angle, revealing the side control buttons on the right end and the 'Dolby Atmos' logo.

5. SETUP

5.1 Placement

For optimal sound performance, place the soundbar centrally below your television. Ensure there are no obstructions in front of the soundbar. The wireless subwoofer can be placed anywhere in the room, ideally on the floor, to achieve the best bass response. Maintain a reasonable distance from other electronic devices to avoid interference.

5.2 Connections

Connect the soundbar to your television or other audio sources using one of the following methods:

- **HDMI (eARC/ARC):** For the best audio quality and control via your TV remote (CEC), connect an HDMI cable from the soundbar's HDMI OUT (eARC/ARC) port to your TV's HDMI IN (eARC/ARC) port. This connection supports 4K HDR Passthrough and HDCP 2.3.
- **Optical:** Connect an optical cable from the soundbar's OPTICAL IN port to your TV's optical digital audio output.
- **Coaxial:** Connect a coaxial cable from the soundbar's COAXIAL IN port to your TV's coaxial digital audio output.
- **AUX (3.5mm Jack):** Connect a 3.5mm audio cable from the soundbar's AUX IN port to the audio output of your device.
- **USB:** Insert a USB drive into the soundbar's USB port for media playback.

Power Connection: Connect the soundbar's power adapter to the DC IN port and then to a wall outlet. Connect the subwoofer's power cable to its power input and then to a wall outlet.

5.3 Wireless Subwoofer Pairing

The wireless subwoofer should automatically pair with the soundbar when both devices are powered on. If the subwoofer does not connect automatically, follow these steps:

1. Ensure both the soundbar and subwoofer are powered on.
2. Press the 'Pair' button on the back of the subwoofer. The indicator light will flash.
3. On the soundbar, press the 'Pair' button (refer to the soundbar's control panel or remote for location).
4. Once successfully paired, the indicator light on the subwoofer will turn solid.

5.4 Wall Mounting

The Renkforce RF-SB-301 soundbar can be wall-mounted using the included brackets, screws, and wall plugs. Ensure the wall can support the weight of the soundbar. Use a level to ensure the soundbar is mounted straight. Consult a professional if you are unsure about wall mounting.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press the **POWER** button on the soundbar's control panel or the remote control to turn the device on or off.

6.2 Selecting Input Source

Press the **INPUT** or **SOURCE** button on the remote control or the soundbar's control panel repeatedly to cycle through available input sources: HDMI (eARC), OPTICAL, COAXIAL, AUX, BLUETOOTH, USB. The selected input will be displayed on the soundbar's LED screen.

6.3 Volume Control and Equalizer Functions

Use the **VOL+** and **VOL-** buttons on the remote control or soundbar to adjust the volume. The soundbar features four equalizer functions to optimize audio for different content:

- **VOICE:** Enhances dialogue clarity for speech-heavy content.
- **SPORT:** Optimizes sound for sports broadcasts, emphasizing crowd noise and commentary.
- **CINEMA:** Provides an immersive, dynamic soundstage for movies, leveraging Dolby Atmos effects.
- **MUSIC:** Delivers balanced audio reproduction for musical content.

Press the **EQ** or **MODE** button on the remote to cycle through these sound modes.

6.4 Bluetooth Connection

To stream music wirelessly from your smartphone or other Bluetooth-enabled device:

1. Select the **BLUETOOTH** input source on the soundbar. The LED display will show 'BT' and flash, indicating pairing mode.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select 'RF-SB-301' from the list of devices.
4. Once connected, the 'BT' indicator on the soundbar will stop flashing and remain solid. You can now play audio from your device through the soundbar.

6.5 USB Playback

To play audio files from a USB drive:

1. Insert a USB drive containing compatible audio files into the soundbar's USB port.
2. Select the **USB** input source. The soundbar will automatically begin playing the first compatible audio file.
3. Use the remote control to navigate tracks (play/pause, next/previous).

6.6 Using the Remote Control

The included remote control provides full functionality for the soundbar. It allows you to power on/off, select input sources, adjust volume, change sound modes, and control media playback (for Bluetooth and USB). Ensure the remote control has working batteries and is pointed towards the soundbar's receiver.

7. MAINTENANCE

Proper maintenance ensures the longevity and performance of your soundbar system.

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry, lint-free cloth to wipe the surfaces of the soundbar and subwoofer. Do not use liquid cleaners, aerosols, or abrasive cleaning agents.
- **Storage:** If storing the device for an extended period, unplug it from the power outlet and store it in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure the ventilation openings are clear of dust and debris to prevent overheating.

8. TROUBLESHOOTING

If you encounter problems with your Renkforce RF-SB-301 soundbar, refer to the following table for common issues and solutions.

Problem	Possible Cause	Solution
No power	Power cable not connected; Power outlet not working	Ensure power cables are securely connected to the soundbar/subwoofer and a working power outlet.
No sound	Incorrect input source selected; Volume too low; Mute function active; Cables not connected properly	Select the correct input source. Increase volume. Deactivate mute. Check all audio cables are securely connected.
Subwoofer not pairing	Subwoofer out of range; Interference; Pairing failed	Ensure subwoofer is within range of the soundbar. Re-attempt manual pairing as described in Section 5.3. Move away from other wireless devices.
Bluetooth connection issues	Device not in pairing mode; Soundbar not discoverable; Interference	Ensure soundbar is in Bluetooth pairing mode. Make sure your device's Bluetooth is on and searching. Try restarting both devices.
Remote control not working	Batteries depleted; Obstruction; Remote out of range	Replace batteries. Remove any obstructions between the remote and soundbar. Ensure you are within effective range.

9. TECHNICAL SPECIFICATIONS

Below are the technical specifications for the Renkforce RF-SB-301 Soundbar system.

Feature	Specification
Model Name	RF SB 301
Item Model Number	RF-4732888
Brand	Renkforce
Speaker Type	Soundbar
Surround Sound Channel Configuration	2.1
Maximum Speaker Output Power	120 Watts
Connectivity Technology	Bluetooth, USB
Special Features	Bluetooth, USB Port, Dolby Atmos, 4K HDR Passthrough, CEC, eARC, HDCP 2.3
Connections	HDMI (eARC), Optical, Coaxial, 3.5mm AUX, USB, Bluetooth
Control Method	Remote Control

Feature	Specification
Power Source	Corded Electric
Mounting Type	Wall Mount
Product Dimensions (L x W x H)	9 x 20 x 23 cm; 10.14 kilograms (Soundbar and Subwoofer combined)
Recommended Uses for Product	Living Room
Compatible Devices	Smartphone, TV, Blu-ray Player

10. WARRANTY AND CUSTOMER SUPPORT

Renkforce products are designed and manufactured to the highest quality standards. This product is covered by a manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included in your package or visit the official Renkforce website.

If you experience any issues that cannot be resolved using the troubleshooting guide, or if you require further assistance, please contact Renkforce customer support. Contact information can typically be found on the manufacturer's website or on your purchase documentation.